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ABSTRACT

This document contains brief summaries of websites likely to be of interest to adult educators, as well as summaries of Internet listservs that adult educators may wish to join. The publication organizes the websites into the following 12 broad categories: (1) general adult literacy; (2) English as a second language; (3) workplace education and training; (4) family literacy; (5) technology; (6) professional development; (7) homeless education; (8) mathematics education; (9) educational research; (10) education information dissemination; (11) federal government; and (12) other interesting sites. The following literacy listservs are listed and described: National Literacy Advocacy List (NLA); LITERACY: WEC-L, NEAC-L, PRISON-L, NUMERACY, Adult Education Network (AEDNET); National Institute for Literacy (NIFL), and TESL-L. (KC)

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Internet Resources for Adult Educators

A Publication of

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PRO-NET

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Pelavin Research Institute

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Internet Resources for Adult Educators

Introduction

The Internet is a worldwide computer network through which people all over the world exchange and search for information on almost every imaginable topic. The Internet includes millions of information servers, electronic bulletin boards, library catalogs, databases and discussion groups on all imaginable ranges of subjects. The total number of individual users of the Internet is estimated at 50 million, with thousands of new users connecting to it everyday.

No one owns the Internet. It is not funded by any single person, service, corporation, university, or government. Every individual person who makes a connection, and every group whose Local Area Network (LAN) becomes connected, owns a slice of the Internet.

You can take advantage of the Internet either indirectly or with a direct connection. An indirect link usually consists of an e-mail account with Internet access. A direct connection usually involves "dialing up" an Internet server, with communications software and a modem.

The World Wide Web (WWW or "the Web") serves as an interface for accessing the growing collection of information distributed across the Internet. It is a hypertext-based system for accessing words, pictures, and sounds located on millions of homepages. The Web contains reference points for jumping to other information, both text and multimedial, such as graphics, photographs, audio, and video. The information on the Web may be accessed via software programs known as Web Browsers, which include Netscape, Mosaic (both are graphical user interfaces which allow you to view pictures, graphics, and video), and Lynx (DIAL-IN's text-based interface that works much the same way, but doesn't allow for the display of graphics or use of a mouse).

Materials on the Web are located at different addresses. By now you have probably come across a string of characters that look like the following:

http://www.ed.gov

This is an example of an URL (Uniform Resource Locator), which is the international language the developers of the Internet use to describe: 1) where information is located and 2) what language to speak in order to ask for the information. The URL is composed of three elements known as protocol, site, and location and is structured in the following way:

protocol://site.location

Protocol refers to the language used to locate the desired information while site and location refer to the address for where that information can be found.

INTERNET RESOURCES FOR ADULT EDUCATORS

The Internet offers adult educators almost unlimited opportunities to search for and to obtain information that can be used for staff development opportunities and instructional purposes. This document contains brief summaries of the Web sites that we have found likely to be of most interest to adult educators, as well summaries of listservs that adult educators may wish to join.

Index of Web Sites and Listservs

For the purpose of presentation we have organized the Web sites into 12 broad categories, although the information directly contained in each site is likely to be more comprehensive.

General Adult Literacy

National Institute for Literacy (LINCS)
Outreach and Technical Assistance Network (OTAN)
The National Center on Adult Literacy (NCAL)
International Literacy Institute (ILI)
UNESCO's Education Information Service
Australian Language, Literacy, and Asian Studies Projects (LLASP)
California Literacy
Center for Literacy Studies
State Literacy Resource Center of California
Indiana Literacy & Technical Education Resource Center
Michigan State Literacy Resource Center
Ohio Literacy Resource Center
Texas Literacy Resource Center
The Virginia Adult Education and Literacy Network
North Carolina State Literacy Resource Center
MetroBoston Community-Wide Education and Information Service (MBCWEIS)
Institute for the Study of Adult Literacy
Literacy onLine
National Adult Literacy Database (NALD)
National Center for the Study of Adult Literacy and Learning (NCSALL)
Literacy Assistance Center (LAC)

English-as-a-Second Language

English-as-a-Second Language Home Page
National Clearinghouse for ESL Literacy Education (NCLE)
Impact! Online

EX-CHANGE
Teaching English as a Second or Foreign Language: an Electronic Journal (TESL-EJ)
Dave's ESL Café
Opportunities in ESL...THEME BASED PAGES

Workplace Education/Training

ERIC Clearinghouse on Adult Career Vocational Education
American Society for Training and Development (ASTD)
The Training Technology Resource Center (TTRC)
Employment Training Network (ETN)
National Center on Education and the Economy
School-to-Work Internet Gateway
National Employer Leadership Council
Center for Education and Workforce Competitiveness
Workplace Learning Resource Center
New York State Workplace Literacy Resource Page

Family Literacy

Family Literacy Center

Technology

Center for Educational Technology
Plugged In
Journal of Technology Education (JTE)
Volterre-FR
Adult Literacy & Technology Network

Professional Development

Comprehensive Adult Student Assessment System (CASAS)
Staff Development Institute (SDI)

Homeless Education

California Adult Homeless Education

INTERNET RESOURCES FOR ADULT EDUCATORS

Math Education

ERIC Clearinghouse for Science, Mathematics, and Environmental Education
The Adult Numeracy Practitioners Network Homepage (ANPN)
MAA Online
Math Archives

Educational Research

Centre for Research Into the Education of Adults (CREA)
Education Policy Analysis Archives (EPAA)
The National Center for Research on Evaluation, Standards, and Student Testing (CRESST)

Education Information Dissemination

AskERIC
ERIC Clearinghouse on Assessment and Evaluation
ERIC Clearinghouse on Reading, English, and Communication
ERIC Clearinghouse on Urban Education
Rural Clearinghouse for Lifelong Education and Development

Federal Government

U.S. Department of Education
Bureau of Labor Statistics
U.S. Census Bureau
The United States Senate
U.S. House of Representatives

Other Interesting Sites

International Tutoring Foundation, Inc. (IT)
The World Wide Web Virtual Library
Online Educational Resources (OER)
Literacy and Education
Galaxy-Adult Education
Adult Education Resources
THOMAS: Legislative Information on the Internet
The Library of Congress
Internet Directory of Literacy & Adult Education Resources
Whole Earth 'Lectronic Link (The WELL)

Literacy Listservs

National Literacy Advocacy List (NLA)
LITERACY
WEC-L
NWAC-L
PRISON-L
NUMERACY
Adult Education Network (AEDNET)
National Institute for Literacy (NIFL)
TESL-L

Web Sites

General Adult Literacy

National Institute for Literacy (LINCS)

The National Institute for Literacy is the home for discourse on literacy and a national resource for valid and useful information for adult literacy development. The site provides information about current events relevant to literacy. Additionally, the National Institute for Literacy's World Wide Web server provides links to the AskERIC virtual library, the NCAL and OTAN Internet servers, the Library of Congress online catalog, and other literacy related sites. It also has literacy discussion forums in the areas of Workplace, Family, ESL, and Adult Literacy and Learning Disabilities. Moreover, the State Literacy Resource Centers are linked to the Institute. Databases include: (1) bibliographic and full-text information, and (2) a database of national and state literacy organizations.

http://novel.nifl.gov/

Outreach and Technical Assistance Network (OTAN)

The Outreach and Technical Assistance Network is designed to provide technical assistance, electronic communication and access to information for adult education providers in California. OTAN is composed of four major components, they are: (1) Outreach; (2) Technology, including an Educational Technology Center Library of new software products; (3) Accessing Information, including the maintenance of a national network of information sources, an electronic form of the latest innovations in adult education practice and research, an adult education archive, a VESL/Workplace Clearinghouse, and online reference service to California adult educators; and (4) Network Communication, which provides a statewide electronic mail system for adult educators, and provides electronic pathways between OTAN and other state funded and national communication systems, including the Internet. In addition, OTAN maintains a calendar of upcoming events, Legislative information, a reference library, as well as links to other adult education resources.

http://www.scoe.otan.dni.us/

The National Center on Adult Literacy (NCAL)

NCAL is a U.S. Department of Education, Office of Educational Research and Improvement (OERI) Center, established in 1990 to provide national leadership in research and development in the field of adult literacy. Through applied research and development and dissemination of results, NCAL seeks to improve the quality of adult literacy programs and services on a nationwide basis. A variety of papers--technical reports; policy, international, and occasional papers--are available at cost. NCAL Connections, the Center's newsletter, is available for researchers, policy makers, and practitioners. Research forums and round tables have been held on a variety of key literacy topics, including: workplace learning, staff professionalization; literacy assessment; the use of technology in the field of adult literacy;

welfare reform and literacy; and workplace numeracy. The NCAL server provides users with the information produced by NCAL, including an electronic version of their newsletter and upcoming literacy events. The user can also access reviews of literacy software, and link to the International Literacy Institute, the Literacy Research Center, and other literacy organizations.

http://ncal.literacy.upenn.edu/

International Literacy Institute (ILI)

The International Literacy Institute (ILI), cosponsored by the United Nations Educational, Scientific, and Cultural Organization (UNESCO) and the University of Pennsylvania, was opened in September 1994 in Philadelphia. The ILI provides scientific leadership in training and development in literacy (the basic skills of reading, writing, and calculating among children, youth, and adults), with a special emphasis on developing countries. Included on this site are: descriptions of upcoming conferences and workshops regarding literacy; information about current ILI projects; ILI publications including *Literacy Innovation* as well as other articles and reports; and links to other resources for the international literacy community.

http://ili.literacy.upenn.edu/

UNESCO's Education Information Service

This site provides data and information on the organization's current education projects and activities; information on key events in world education; and access to several publications. In addition, there are links to other education sites, including UNESCO's various Partners in Education such as AskEric and the University of Nebraska.

http://www.education.unesco.org/index.html

Australian Language, Literacy, and Asian Studies Projects (LLASP)

The LLASP Clearinghouse was established by the Department of Employment, Education and Training (DEET). The LLASP homepage provides access to all Australian Language and Literacy Policy (ALLP) projects, including the topics of: Aboriginal Literacy; Adult English Language, Literacy and Numeracy; Asian Studies; Child English Language, Literacy and Numeracy; English as a Second Language; Literacy; Languages Other than English; and Multicultural / Cross Cultural Studies. Materials include project reports, curriculum materials, professional development packages, strategies and guidelines from 1989 onwards.

http://www.netspot.unisa.edu.au/llasp/

California Literacy

California Literacy, Inc. is a private non profit agency that assists organizations in providing volunteer services to adults in need of education. Much of this site is currently under

construction. However, there is detailed information on the services California Literacy provides as well as the upcoming California Literacy State Conference.

http://www.otan.dni.us/webfarm/calit/home.htm

Center for Literacy Studies

The Center for Literacy Studies is located in the College of Education at The University of Tennessee. The Center works with practitioners to build capacity in meeting the needs of adult learners, while at the same time building the knowledge base of the field. This site contains information about current endeavors of the Center, such as the TRIMS (Tennessee Reporting and Improvement Management System) project, a joint project involving the Center for Literacy Studies at The University of Tennessee and a number of education, training and human service departments within the State of Tennessee. TRIMS seeks to foster interagency collaboration to streamline Tennessee's education and training service delivery system. In addition, there are a list of available publications along with ordering information and an online resource library.

http://funnelweb.utcc.utk.edu/~litstudy/default.html

State Literacy Resource Center of California

The SLRC of California Web site offers information on specific projects in which the center is involved and a written column, which contains "musings on literacy trends and ideas in the West and the World." In addition, the site has links to literacy and education resources including: National Center on Adult Literacy (NCAL), National Institute for Literacy (NIFL), Outreach and Technical Assistance Network (OTAN), and NIFL Region Hub IV Project, as well as other state literacy resource centers.

http://www.otan.dni.us/slrc/slrchome.html

Indiana Literacy & Technical Education Resource Center

The Indiana Literacy & Technical Education Resource Center supports the development and enhancement of essential skills initiatives by providing an intelligence and communication center for Indiana. This site contains an Information clearinghouse that consists of: a bibliography of literacy/adult education materials; calendar of conferences and events; data base of literacy and basic skills programs and people; and links to state, regional, and national level agencies, clearinghouses, data bases, and consortia.

http://www.statelib.lib.in.us/www/inrc/hp14.html

Michigan State Literacy Resource Center

Michigan's State Literacy Resource Center, located at Central Michigan University, provides teachers of adult students with the latest research and a network of professional development opportunities. The site details the Center's projects and also allows the user to read an online

version of their newsletter, *Connections*. There are also links to other states and to the Regional Hubs.

http://slrc.ehhs.cmich.edu/

Ohio Literacy Resource Center

The Ohio Literacy Resource Center is a member of the National Institute for Literacy/State Literacy Resource Centers information network. The Ohio Literacy Resource Center provides access to databases of the NIFL/SLRC, including a literacy collections database and a literacy organizations database. Other information includes Ohio's SALS report, funding sources, and links to FEDWORLD, AskERIC, NCAL, OTAN, LEGI-SLATE, and the Ohio state library database (Ohio Link).

http://archon.educ.kent.edu/

Texas Literacy Resource Center

The Texas Literacy Resource Center is a member of the National Institute for Literacy/State Literacy Resource Centers information network. It contains information about literacy efforts in Texas, legislative and grant information, calendar of events, online newsletters, access to literacy listserves and user groups, a connection to the NIFL/SLRC materials database, and links to other literacy and Internet resources.

http://tlrc.tamu.edu/

The Virginia Adult Education and Literacy Network

The Virginia Adult Education and Literacy Resource Center is a part of network comprising Virginia's Adult Education and Literacy Centers System of Professional Development. The Center is also part of the National Institute for Literacy/State Literacy Resource Center Internet information network. The site contains information regarding Adult Education and Literacy projects around Virginia, a calendar of events, job bank, and local, regional and national Adult Education and Literacy links.

http://www.vcu.edu/aelweb/

North Carolina State Literacy Resource Center

The North Carolina Literacy Resource Center is a member of the National Institute for Literacy/State Literacy Resource Centers information network. It contains information about and links to literacy providers in North Carolina, access to the Resource Center library database, a calendar of events, and links to other literacy and Internet resources.

http://www.nclrc.state.nc.us/NCLRC/home/home.htm

MetroBoston Community-Wide Education and Information Service (MBCWEIS)

MBCWEIS includes links to Web pages of community-based adult literacy/basic education/ESOL programs of the Greater Boston Literacy Telecommunications Collaborative. In addition, there are resources for Adult students and for teachers of adult

students, including reviews of literacy/adult education Web sites in "Adult Education *Webliography.*"

http://www2.wgbh.org/MBCWEIS/mbcweisHome.html

Institute for the Study of Adult Literacy

In 1985, the College of Education at Penn State established the Institute for the Study of Adult Literacy as a vehicle for using the resources of a major land grant institution to address issues related to adult literacy. The Institute's mission stresses the importance of connecting research to improving practice; each research project results in a practical application in the field, including staff development activities, curriculum and instructional materials development, policy recommendations, and dissemination of research findings through Institute publications, professional publications, and presentations. The Web site provides information about the Institute's current and recent projects, educational software, Institute publications and resources, consulting services, and links to other adult literacy related Web pages.

http://www.psu.edu/institutes/isal/

Literacy onLine

This site promotes the use of student-centered learning and real life problems as a vehicle for learning. The Web site is for anyone involved in adult, ESL, family or workplace literacy and it provides resources for teachers, tutors, and learners. The site is organized into four sections: Adult Literacy, ESL, Family, and Workplace. Each of these sections contains Teaching Issues, Learning Activities, Web Resources, and a Community Lounge. In addition, there is a General Resources section which provides links to other Web sites that are of general interest.

http://www.thinkshop.edu/al/

National Adult Literacy Database (NALD)

The National Adult Literacy Database Inc. (NALD) is a federally incorporated, non-profit service organization which provides a comprehensive database of adult literacy programs, resources, services and activities across Canada. It also links with other international services and databases. NALD connects with major literacy organizations and advocacy groups in communities, schools, and local government departments across the country. NALD provides adult literacy information to practitioners, teachers, volunteers, program administrators, policy setters, and learners across the country through its Internet site, which allows participants to interact with colleagues across the country and around the world and post information for others to view. The site also contains full text documents pertaining to adult literacy, including NALD's monthly newsletter "Networks."

http://www.nald.ca/

National Center for the Study of Adult Literacy and Learning (NCSALL)
The mission of the National Center for the Study of Adult Learning and Literacy (NCSALL) is to conduct the research, development, evaluation, and dissemination needed to build effective, cost-efficient adult learning and literacy programs. NCSALL is a collaborative effort between the Harvard Graduate School of Education (HGSE) and World Education. NCSALL is funded by the U.S. Department of Education through its Office of Educational Research and Improvement (OERI). Within OERI, NCSALL is supporting the goals of OERI's Postsecondary Education, Libraries, and Lifelong Learning Institute. Along with OERI, NCSALL coordinates its work and collaborates with the National Institute for Literacy (NIFL) and the Department of Education's Office of Vocational and Adult Education (OVAE). The Center's research is seeking answers to four questions that emerged as the research topics of primary importance to the field via a 1994 World Education study: (1) How can the motivation of individual adult learners be sustained and enhanced? (2) How can classroom practice be improved? (3) How can staff development more effectively serve adult learning and literacy programs? (4) What impact does participation in adult learning and literacy programs have on an adult's life and how can this impact effectively be assessed? The site includes descriptions of NCSALL's projects and two national publications: (1) *Focus on Basics*, a quarterly, which addresses themes of critical importance to practitioners, discussing present research, providing examples of best practices, and reviewing materials and resources; and (2) the *Annual Review of Adult Learning and Literacy*, an annual academic review of commissioned articles.

http://hugse1.harvard.edu/~ncsall/

Literacy Assistance Center (LAC)
The Literacy Assistance Center (LAC) is a not-for-profit organization that provides referral, training, information and technical assistance services to hundreds of adult and youth literacy programs in New York. The LAC each year serves several thousand teachers, tutors, counselors, job developers, program managers, executive directors, researchers, funders, and policy makers in literacy education. This page offers online versions of the LAC's publications, including *The Literacy Update*, an eight-times a year newsletter, the *Literacy Harvest*, an annual journal of reflective writing by practitioners and students, and an array of research reports on issues regarding literacy. In addition, the LAC's site provides a calendar of upcoming events and links to other Internet resources.

http://www.lacnyc.org/

English-as-a-Second Language

English-as-a-Second Language Home Page
This home page is a starting point for ESL learners who want to learn English through the World Wide Web. There have been several ESL learning materials created for the Web and

this home page links you to those ESL sites and other interesting places. Items on the page include: Listening and Speaking; Reading; Writing; ESL-Related Information; ESL Sites on the Web; ESL learner's home pages.

wysiwyg://234/http://www.lang.uiuc.edu/r-li5/esl/

National Clearinghouse for ESL Literacy Education (NCLE)

The National Clearinghouse for ESL Literacy Education (NCLE), an adjunct ERIC Clearinghouse at the Center for Applied Linguistics (CAL), is the only national clearinghouse focusing on literacy education, including family literacy workplace literacy, and native language literacy, for adults and out-of-school youth learning English as a second language. NCLE's mission is to provide timely information on adult ESL literacy education. NCLE provides literacy instructors and volunteers, researchers, and program administrators around the United States with: information and referral on questions regarding literacy education for adults learning English; free publications (ERIC Digests and annotated bibliographies) on research and practice; NCLE notes, a twice-yearly newsletter on literacy news and resources; books and issue papers on literacy education; a link to other national and local literacy contacts, and an e-mail listserv on ESL issues.

http://www.cal.org/NCLE

Impact! Online

Impact! Online is a hypertextual news reader for intermediate and advanced learners of English as a second or foreign language. This information area is a joint project of the University of Illinois College of Education and Passport Educational Publishing, an Illinois not-for-profit corporation. The site contains assistive reading pieces on a variety of topics, including current events and health. In addition, there's a forum for readers to communicate with each other and with the authors.

http://www.ed.uiuc.edu/impact

EX-CHANGE

EXCHANGE is an electronic magazine dedicated to publishing English writings of non-native speakers of English and provide quality learning resources to ESL/EFL learners through the World Wide Web. While providing an opportunity for ESL/EFL learners to be engaged in meaningful writing activities, EXCHANGE affords people an opportunity to learn about the various cultures represented by millions of non-native English speakers. EXCHANGE contains writings about cultures all over the world, travel information, current events, editorials, sports, politics, business, and creative writing by individual and collaborative writers. There are also various instructional resources for ESL/EFL learners.

http://deil.lang.uiuc.edu/exchange/

Teaching English as a Second or Foreign Language: an Electronic Journal (TESL-EJ)

TESL-EJ contains the full-text of all TESL Electronic Journal issues. You may search the database of articles by either title or author.

http://violet.berkeley.edu/~cwp/TESL-EJ/

Dave's ESL Café

This site provides a variety of resources to both ESL teachers and students. These resources include the: ESL Discussion Center, a series of discussion forums which allow students and teachers to discuss a variety of topics; ESL Idiom Page, where the user can learn a new idiom online; ESL Quote Page; ESL Job Center, which allows the user to explore job links, post a personal profile, and read job postings from around the world; ESL Quiz Center, where the user can choose a quiz from the menu, and the answers will be automatically checked; ESL Help Center, where the user can post questions and receive answers from ESL/EFL teachers from around the world 24 hours a day, 7 days a week; One-Stop ESL Search Page, which allows the user to search the pages of the ESL Cafe, as well as Yahoo, InfoSeek, Open Text, Lycos, WebCrawler, Alta Vista, Galaxy, and Deja News; ESL Idea Page, where students and teachers throughout the world can share ideas and suggestions on how to learn/teach English as a Second/Foreign Language; ESL Question Page, where the user can ask Dave Sperling (the creator of Dave's ESL Café) questions regarding learning English as a Second/Foreign Language; ESL Message Exchange, where the user can discuss a variety of topics with students and teachers; Teacher Email Connection and the Student Email Connection, a database of ESL/EFL students and teachers; and ESL Chat Central, where ESL Cafe users from around the world can chat together.

http://www.eslcafe.com/

Opportunities in ESL...THEME BASED PAGES

This Web site is designed for students and teachers of English as a Second Language. It contains pages which have been developed for use, or are recommended for use, in theme-based (content-based / whole language) courses. Topics cover current issues (e.g., abortion, gun control, death penalty, and affirmative action), cultural issues (e.g., race and ethnicity), history and culture (e.g., Camelot, Civil Rights Movement, Christopher Columbus and the impact of European colonization on the Americas, The Holocaust, and the JFK Assassination), holidays, and technology issues (e.g., censorship on the Internet).

http://darkwing.uoregon.edu/~leslieob/themes.html

Workplace Education/Training

ERIC Clearinghouse on Adult Career Vocational Education

Located at the Center on Education and Training for Employment (CETE), the ERIC Clearinghouse on Adult, Career, and Vocational Education (ERIC/ACVE) is one of 16

clearinghouses in the ERIC system. ERIC/ACVE provides comprehensive information, publications, and services in adult and continuing education, all aspects of career education, and vocational and technical education including work force preparation. The ERIC/ACVE site has online full-text versions of digests and trends and issue alerts.

http://coe.ohio-state.edu/cete/ericacve

American Society for Training and Development (ASTD)

The American Society for Training and Development provides information, research, analysis, and networking opportunities for more than 58,000 individuals and organizations from every level of the field of workplace performance in more than 100 countries. Its leadership and members work in multinational corporations, small and medium-sized businesses, government agencies, colleges, and universities. This site offers a variety of information to the user such as: suggestions for selecting training and performance resources; training and performance information sources; ASTD Products and Services you can order; and an online version of *Training & Development* magazine.

http://www.astd.org/

The Training Technology Resource Center (TTRC)

The TTRC's mission is to serve as an electronic point of access to a wide range of workforce development information and to enable information sharing throughout the Employment and Training Community. TTRC provides information on subjects such as: One-Stop/ LMI, School-to-Work, Job Training Programs, and Skill Standards. Also, there is a calendar of events related to workforce development, as well as updates and descriptions of relevant legislation. In addition, TTRC houses the Promising and Effective Practices Network (PEPNet) to recognize excellence in the field of youth employment and training. The National Youth Employment Coalition (NYEC), along with the United States Department of Labor and several private foundations, have put together PEPNet, which is intended to become a national network of effective initiatives which have met specified criteria of promising or effective practice in youth employment/development.

http://www.ttrc.doleta.gov/

Employment Training Network (ETN)

The ETN/EDD is a JTPA funded project created by the Employment Development Department of California to assist in the development and implementation of effective JTPA projects and programs. This site offers information about upcoming events and contains a library of resources on topics such as marketing, job search, and school-to-work transition.

http://www.otan.dni.us/etn/

National Center on Education and the Economy

The National Center on Education and the Economy is dedicated to the development in the United States of a comprehensive education and human-resource development system. Through policy analysis, technical assistance and professional development, the Center - a

private, non-profit organization - assists schools, school districts, states and firms in creating systems to ensure high skills for all Americans, from early childhood through adulthood. The Center's Web page contains information about their programs, including the Workforce Skills, National Alliance for Restructuring Education, and Skill Standards programs as well as a publications list with ordering instructions.

http://www.ncee.org/

School-to-Work Internet Gateway

This Web site has ample information about the School-to-Work Initiative. The visitor to the STW site will find: (1) hot topics of interest to the school-to-work community; (2) information about research and evaluation activities; (3) a calendar of events; (4) grant information; (5) State initiative information; (6) and a variety of resource materials, including: a) Practical Tools - materials and products that you can save, download and/or adapt for your own purposes and b) a Products and Resource Library - full-text STW publications, reports, brochures and articles. In addition, there are two electronic discussion forums that allow participants to either chat with each other or post questions and let other members in the STW community respond to them. Additionally, there are links to other school-to-work resources on the Internet.

http://www.stw.ed.gov/

National Employer Leadership Council

The NELC is a coalition of CEOs from a diverse group of private sector companies with a shared vision for our nation's workforce. The mission of the Council is to enhance the quality of the nation's workforce and to improve the productivity and competitiveness of American Business through work-based learning opportunities for all students. To accomplish this, the NELC hopes to energize and mobilize the business community around the school-to-work (STW) initiative in collaboration with other stakeholders, including other business organizations, school systems, labor and public sector organizations, parents, students, and state, federal and community leaders. The site includes: information about School-to-Work, an Employer Participation Model, contact information for organizations that have resources relevant to School-to-Work, and links to other STW Web sites.

http://www.nelc.org/

Center for Education and Workforce Competitiveness

The mission of the center, which is located at the University of Wisconsin-Green Bay, is to provide leadership to educational institutions and business and industry for enabling legislation, curriculum development, assessment, career development, developmental guidance, youth apprenticeships, workplace mentoring, staff development, and related information. This site contains access to current STW publications, resource and research materials, legislative information, curriculum offerings and information on School-to-Work

practices across the state of Wisconsin and the country. This site also contains information about scheduled events around the state.

http://www.uwgb.edu/~ctredu/index.htm

Workplace Learning Resource Center

The Primary purpose of the Workplace Learning Resource Center (WpLRC) at Oxnard College is to support the Federal and State effort to re-train California's workforce. The WpLRC provides customized, job-specific services to business and industry, such as: Assessment services, including analysis of training needs and assessment of jobs and workforce skills; Basic skills training; Cross-cultural awareness training; Business communication skills training; Workplace English as a second language (ESL) training; Spanish for business training; Employee development plans; On-site literacy services; and Job retention services. The sit also includes links to other business training resources.

http://www.west.net/~wplrc/

New York State Workplace Literacy Resource Page

New York State Workplace Literacy Program is designed to expand literacy opportunities for union members and their families as well as to encourage the establishment of job-related literacy and basic skills education. This site contains updates on events in the world of workplace literacy as well as a calendar of upcoming conferences, meetings, etc. with links to more information about them. Also, the page contains links to further workplace literacy resources and provides an opportunity for the user to give feedback in the form of comments and questions.

http://www.albany.net/~bmarino

Family Literacy

Family Literacy Center

The Family Literacy Center at Indiana University promotes family involvement in literacy--all types of family activities related to reading, writing, and general communication. The Center engages in research on family literacy, and it develops and disseminates materials (print, video, and audio) for parents and for parent educators. It offers workshops across the country for parent educators and for parents. The Family Literacy Center's Web headings include: *Parents and Children Together* Online Magazine - a free, Web-delivered magazine featuring original stories and articles for parents and children to share together; Professional Development Resources for Teachers and Parent Educators; Books, Videos and Other Materials for Parents - a wide range of materials for parents to help their children with reading, writing, study skills, and other issues, Helpful Tips for Parents - a sampling of suggestions from Family Literacy Center writers; Senior Partners in Education - a pen pal program, matching adult letter writers with junior partners throughout the United States; and Other Organizations Concerned with Parent Involvement.

http://www.indiana.edu/~eric_rec/fl/menu.html

Technology

Center for Educational Technology
The Center for Educational Technology designs, develops, and implements technology-supported education and job performance programs for large organizations. In collaboration with the Florida Department of Education, CET has undertaken a major redesign of public education. The media production component of CET, Multimedia Laboratories works with FSU faculty to design and develop educational and promotional materials that will increase the impact of their media applications. At this site, the user will find information about CET and a link to the Multimedia Laboratories homepage.

http://www.fsu.edu/~lsi/CET.html

Plugged In
Plugged In is a community access and training center for computers and the Internet in East Palo Alto, California. Their mission is to bring the educational and economic opportunities created by new technologies to low income families in our community. They offer more than 30 classes to kids, teens and adults and work in partnership with more than 10 community agencies. This site contains information on specific Plugged In projects and programs. In addition, the site offers guidance on how to initiate ventures similar to Plugged In.

http://www.pluggedin.org/

Journal of Technology Education (JTE)
The *Journal of Technology Education* provides a forum for scholarly discussion on topics relating to technology education. Articles focus on technology education research, philosophy, theory, and practice. In addition, the *Journal* publishes book reviews, editorials, guest articles, comprehensive literature reviews, and reactions to previously published articles. The full-text of all articles are included on the homepage.

http://scholar.lib.vt.edu/ejournals/JTE/jte.html

Volterre-FR
Volterre provides information about and links to an assortment of Internet projects that involve teachers and/or learners of English. Although it is a French site, there are several United States projects included such as: Graffiti Wall, Dave's ESL Class and Café, the California Email Project, Cutting Edge, Pizzazz!, etc.

http://www.wfi.fr/volterre/inetpro.html

Adult Literacy & Technology Network
The Adult Literacy & Technology Network is a national effort dedicated to finding solutions for using technology to enhance adult literacy. During the past five years, ALT has focused on providing an annual national conference. This conference brings together practitioners, researchers, policy makers, and publishers. It serves as a continuing national forum designed

to share ideas and continue to explore new ways of integrating technology in support of achieving literacy for all adults. Contained on this page is information regarding this year's conference in Chicago and several articles taken from the Adult Literacy & Technology Network newsletter that discuss the incorporation of technology with adult education.

http://www.otan.dni.us/webfarm/alt/home.html

Professional Development

Comprehensive Adult Student Assessment System (CASAS)
CASAS is a non-profit organization that provides competency-based curriculum management, assessment and evaluation systems to education and training programs. These systems are learner-centered and are designed to meet the needs of adults and youth in today's multi-cultural society. CASAS has developed systems for ABE, ESL, employment preparation (ECS), workforce learning (WLS), special education including developmental and learning disabilities, and secondary education (SDP). The CASAS Web site offers a plethora of information including: the *CASAS Quarterly Newsletter*; key components of the CASAS system; CASAS programs, projects, and services; training & professional development; and research reports on various literacy projects.

http://www.otan.dni.us/casas/casas.html

Staff Development Institute (SDI)
The Staff Development Institute (SDI) provides professional development and technical assistance for adult educators and administrators throughout California. The SDI site consists of a full menu with complete descriptions of seminar and workshop offerings, including links to calendars of presentation dates, locations and fees, and allows the user to register online. You can also jump to the Modules & Background page which gives you an index of workshop objectives, goals and background reading information.

http://www.otan.dni.us/webfarm/sdi/

Homeless Education

California Adult Homeless Education
The purpose of California Adult Homeless Education is to assist homeless students in developing educational competencies which will enable them to function adequately within American society. The Web site includes statistical research about the adult homeless learner, in addition to case studies. There is also an area to check for upcoming events.

http://www.otan.dni.us/cdlp/homeless/

Math Education

ERIC Clearinghouse for Science, Mathematics, and Environmental Education
The ERIC Clearinghouse for Science, Mathematics, and Environmental Education (ERIC/CSMEE) is one of 16 clearinghouses in the ERIC system. The Clearinghouse collects and processes all the science, mathematics, and environmental education materials included in the ERIC database, and also offers an array of products and services of special interest to educators. Though the Clearinghouse strives to meet the needs of all learners, special attention is given to the needs of minorities, females, and those who are differently abled. CSMEE also contains links to relevant organizations, lesson plans, and full-text bulletins.

http://www.ericse.org/

The Adult Numeracy Practitioners Network Homepage (ANPN)
The Adult Numeracy Practitioners Network was formed by adult education practitioners at the first national Conference on Adult Mathematical Literacy. ANPN is a community dedicated to quality mathematics instruction at the adult level. Since its founding, the ANPN has: conducted two annual meetings as pre-conferences in conjunction with the annual NCTM national meetings; published a quarterly newsletter, The Math Practitioner (which you can access at the site); sponsored an electronic forum, The Numeracy List (Numeracy@world.std.com); obtained funding to enable adult education math teachers, learners, and other stakeholders to participate in a national planning project for system reform. At the ANPN Web site the user will find: information about ANPN activities and projects; resources for adult math literacy and numeracy, family math, and workplace education; and links to other groups interested in adult numeracy education.

http://www.std.com/anpn/

MAA Online
A major emphasis of the Mathematical Association of America is the teaching of mathematics at the collegiate level, but anyone who is interested in mathematics, including adult educators, will benefit from this site. MAA Online contains current news about the field of mathematics; information about upcoming meetings and workshops; articles, reports, and columns about mathematics education; grant opportunities; and links to other mathematical resources on the Web.

http://www.maa.org/

Math Archives
The goal of the Mathematics Archives is to provide organized Internet access to a wide variety of mathematical resources. The primary emphasis is on materials which are used in the teaching of mathematics. The Archives contain laboratory notebooks, problem sets, lecture notes, and reports. In addition, Math Archives has a fairly extensive collection of links to other sites that are of interest to mathematicians. Resources available through these

links include: electronic journals; preprint services; grant information; and publishers of mathematical software, texts, and journals.

http:/archives.math.utk.edu/

Educational Research

Centre for Research Into the Education of Adults (CREA)
CREA is based at the University of Nottingham in the United Kingdom. Although an English site, CREA offers information on research regarding adult education that may be beneficial to the adult education community in the United States.

http://acorn.educ.nottingham.ac.uk/AdultEd/welcome.html

Education Policy Analysis Archives (EPAA)
Education Policy Analysis Archives is a peer reviewed journal published at Arizona State University. The EPAA publishes research, reviews and scholarly writings on all aspects of education policy. It seeks to illuminate educational practice at all levels: primary, secondary, and tertiary. The Web site contains both abstracts and full-text articles. Additionally, instructions are given on how to submit articles for publication in the journal.

http://olam.ed.asu.edu/epaa/

The National Center for Research on Evaluation, Standards, and Student Testing (CRESST)
The National Center for Research on Evaluation, Standards, and Student Testing (CRESST) provides access to educational research about assessment reform in American schools. This Web site contains assessment information presented in a variety of formats tailored to meet the needs of multiple audiences. CRESST contains full text databases, including CRESST technical reports and newsletters, and the Alternative Assessment Materials Database. It also contains ordering information about CRESST produced assessment materials.

http://cresst96.cse.ucla.edu/index.htm

Education Information Dissemination

AskERIC
AskERIC is a reference service for teachers, administrators, and others involved in education. The hallmark of AskERIC is the presence of a human intermediary to negotiate and respond to all questions posted on the system. There are two ways to access AskERIC: (1) questions can be sent as an e-mail message to askeric@ericir.syr.edu or, (2) by pointing your browser to either the AskERIC gopher or WWW server. AskERIC contains the full-texts of lesson plans

developed by teachers around the country, the ERIC database, and lesson plans and materials for use with the Discovery Channel and Newton's Apple television shows.

http://ericir.syr.edu/

ERIC Clearinghouse on Assessment and Evaluation

ERIC/AE seeks to provide balanced information concerning educational assessment and resources to encourage responsible test use. The site contains an abundance of information on assessment, evaluation, statistics, and educational research. It also allows the user to search the full-text database of the ETS/ERIC Test Collection.

http://ericae2.educ.cua.edu/

ERIC Clearinghouse on Reading, English, and Communication

The ERIC/REC contains information and resources on family learning, reading, distance learning, and professional development. In addition, the site has a Clearinghouse Bookstore with an array of publications on using the Internet in the classroom, writing, values, critical thinking, and family learning. ERIR/REC provides access to free lesson plans and also has a bibliography of videos that can be used in reading and family learning environments.

http://www.indiana.edu:80/~eric_rec/

ERIC Clearinghouse on Urban Education

ERIC/UE is dedicated to urban students, their families, and the educators who serve them. UEweb offers manuals, brief articles, annotated bibliographies, reviews and summaries of outstanding publications, and conference announcements in urban education. The site includes: a section devoted to Urban and Minority Families, which is a part of the National Parent Information Network; Hot Topic areas with information about school reform, school safety, and technology in urban education; links to full-text versions of Clearinghouse publications on UEweb and ordering information for all products; and access to the ERIC database and the database of all ERIC digests online.

http://eric-web.tc.columbia.edu/

Rural Clearinghouse for Lifelong Education and Development

The Rural Clearinghouse for Lifelong Education and Development is a national effort to improve rural access to continuing education. The Rural Clearinghouse server contains a bibliography of publications, in addition to some full-text articles related to rural education; information about current project involvement; Lessons Learned from work in Rural Adult Education; and an interactive index of Rural Resources on the Internet.

http://www-personal.ksu.edu/~rcled/

Federal Government

U.S. Department of Education
The Department of Education provides information on Department programs, initiatives, research, and statistics. Users can retrieve texts on the School-to-Work initiative, Department announcements, educational software, updates on current legislation, various resource guides and publications, and bulletins and press releases.

http://www.ed.gov/

Bureau of Labor Statistics
The Bureau of Labor Statistics (BLS) is the principal fact-finding agency for the Federal Government in the broad field of labor economics and statistics. It plays a dual role as the statistical arm of the Department of Labor, and as an independent national statistical agency that collects, processes, analyzes, and disseminates sensitive economic and statistical data to the American public, Congress, other Federal agencies, State and local governments, business, and labor. The site contains various data, current economic indicators, publications such as the Occupational Outlook Handbook, and research papers.

http://stats.bls.gov/

U.S. Census Bureau
The Census Bureau contains a variety of social, demographic, and economic information. There are statistics for several subjects, including education. In addition, there is a News section that provides press releases and the latest economic indicators.

http://www.census.gov/

The United States Senate
The United States Senate's World Wide Web server provides information from and about the members of the Senate, Senate Committees, and Senate leadership and support offices. The user can access information on Floor action, the upcoming schedule, and can also link to the Congressional Record. In addition, there is a list of Senators with their email addresses.

http://www.senate.gov/

U.S. House of Representatives
The House Web site provides public access to legislative information as well as information about Members, Committees, and Organizations. Specifically, the visitor to this site can find information about bills and resolutions being considered in the Congress; current information on House floor action; Member voting records; schedules for legislative activity; Federal, state, and international law; and contact information for Members, committees, and House leadership.

http://www.house.gov/

Other Interesting Sites

International Tutoring Foundation, Inc. (IT)
The International Tutoring (IT) Foundation is a non-profit, charitable organization which provides global tutoring for pre-school, primary, secondary, post-secondary, and continuing education students worldwide. At the IT Web site, the user can access the names and biographical information involved and download tutor and tutee application forms.

http://edie.cprost.sfu.ca/it/

The World Wide Web Virtual Library
The Virtual Library is a distributed subject catalogue of resources on the Internet. There is an "Education" link that is broken into the following categories: Alphabetically by Site (Complete Listing), Listed by Education Level, Listed by Resources provided, Listed by Type of Site, and Listed by Country Resources. The user can find links to Institutions/Programs, Books, Software, Journals, etc.

http://www.w3.org/pub/DataSources/bySubject/Overview.html/

Online Educational Resources (OER)
As the name implies, this site is a repository for educational resources, including adult education. OER has information on and links to: (1) School and Community Networking resources; (2) NASA Internet Educational Resources; (3) Educational Organizations and Programs; (4) University and College Resources; (5) Resource Lists and Subject Trees on Education; (6) Museums and Expositions Online; (7) Online libraries; and (8) Collaborative Technology Resources, Projects, and Datasets.

http://quest.arc.nasa.gov/OER/

Literacy and Education
This page consists of links to assorted written papers concerning literacy and education, as well as links to other adult education resources.

http://english-www.hss.cmu.edu/literacy/

Galaxy-Adult Education
Similar to the World Wide Web Virtual Library, Galaxy is a subject catalogue of Internet resources. This link will take you directly to the available adult education resources. The page is broken into six categories: (1) New Items; (2) Collections; (3) Discussion Groups; (4) Directories; (5) Academic Organizations; and (6) Non-profit Organizations.

http://galaxy.tradewave.com/galaxy/Social-Sciences/Education/Adult-Education.html

Adult Education Resources
This Web site offers a categorical list of online resources of interest to students and practitioners of adult education. Topic areas include: General and Adult Education Links;

Distance Education; Literacy; Training and Human Resource Development; Women and Education; and Course Development and On-Line Teaching.

http://tenb.mta.ca/sau/aed/

THOMAS: Legislative Information on the Internet

THOMAS provides the full-texts of both House and Senate Legislation, and the Congressional Record. There is also a separate section entitled Congress This Week, which contains the text of bills receiving floor action. The user can find a bill by topic, title, or by bill number and can check on it's status. Furthermore, THOMAS has various searchable and browsable committee reports and Web page links.

http://rs9.loc.gov/

The Library of Congress

This is your electronic gateway to the Library of Congress. You can access the Library of Congress public and technical services information as well as federal legislation; federal, state and local government information; federal employee information; a global electronic library arranged by subject; and copyright information. There is a "New and Events" section featuring displays and items of interest, as well as an "Exhibition" section. To search the Library of Congress online catalog and databases choose the "LOCIS" option.

http://lcweb.loc.gov/

Internet Directory of Literacy & Adult Education Resources

This Internet directory, compiled by Tom Eland of the Minnesota/South Dakota Regional Adult Literacy Resource Center, is an excellent resource for anyone involved in adult education. It contains an extensive list of links to adult education resources on the Internet, including World Wide Web sites, Gopher sites, and Listservs. Furthermore, the directory is organized both alphabetically by the site name and by subject categories (e.g., Adult Basic Education, Adult Literacy, Professional Development).

http://archon.educ.kent.edu/midwest/rcsc/litdir/index.html/

Whole Earth 'Lectronic Link (The WELL)

"The WELL is an online gathering place for thinkers from all walks of life, be they artists, journalists, programmers, educators or activists. These WELL members return to The WELL, in many cases daily, to engage in discussion, swap information, and express their convictions." The WELL consists of several online conferences on topics such as Education and Science and Technology. Its K-12 education directory will be of particular interest to adult educators. Included in the K-12 directory are: access to AskERIC database; Canada's Schoolnet; CAUSE--Information Technology in Higher Education; CICnet K-12 education

collection of select Internet resources; Consortium for School Networking (CoSN) gopher in Washington, DC; EDUCOM Gopher Server; Free Education Mail Foundation; and the Global Schoolhouse.

http://www.well.com/

Literacy Listservs

The following is a description of how to subscribe to various listservs, or online discussion groups, and a list of some listservs dedicated to literacy. In order to sign onto a listserv discussion group you use your e-mail system. The concept is similar to that of subscribing to a magazine. You address your message to the listserv and ask the listserv to add you to their subscription list in the following manner:

TO: listserv address (e.g. listserv@nysernet.org)
SUBJ: leave this line blank
MESSAGE: subscribe<space>list name<space>your e-mail address
(e.g. subscribe LITERACY pekevgre@dial-in.nw.dc.us)

That's all there is to it. You will then receive instructions on how to use the listserv. Note that there is a difference between the listserv address and the address you will use to hold discussions on the list. The listserv address is used to subscribe and unsubscribe you to the discussion group. The address used to post comments is different—and will be sent with the welcome message when you subscribe.

National Literacy Advocacy List (NLA)
This list is designed to provide information and discussions about literacy education and adult learners. Members of this list include directors of state adult basic education agencies and state literacy resource centers; national level literacy staffs and educators; and local practitioners. This list is will keep you up-to-date on what is happening in the field of adult basic education and literacy.

majordomo@world.std.com

LITERACY
LITERACY is a moderated general discussion group for those individuals concerned with the issues of Literacy. It is hoped that the group will foster discussion by those involved in teaching adults to read and write. It is also open to anyone who is interested in the topic of Literacy in general. The sharing of ideas, tips, helpful resources, teaching tools and personal experience are to be encouraged. The primary focus of the list is the fostering of literacy in those adults for whom English is the native language, but who, for any number of reasons, never learned to read or write.

listserv@nysernet.org

WEC-L
This listserv is a discussion forum about new and innovative ways to implement workplace literacy and training programs.

listserv@netcom.com

NWAC-L
This listserv serves as a discussion forum about issues related to workplace literacy and training in small to midsize businesses.

listserv@psuvm.psu.edu

PRISON-L
PRISON-L is a discussion forum regarding literacy education in prisons and is intended for people who presently teach, or have taught in prisons.

listserv@dartcms1.dartmouth.edu

NUMERACY
This listserv is relevant to those interested in math education in that it is a discussion group regarding adult numeracy instruction and research.

majordomo@world.std.com

Adult Education Network (AEDNET)
AEDNET is an international network of individuals interested in adult education. This listserv allows stakeholders in adult and continuing education the opportunity to discuss important and relevant topics. In addition, an electronic journal, *New Horizons in Adult Education*, is distributed through AEDNET.

listproc@pulsar.acast.nova.edu

National Institute for Literacy (NIFL)
The National Institute for Literacy sponsors several distinct listservs (which must each be subscribed to individually) with various foci. These include:

- NIFL-ESL (adult ESL literacy),
- NIFL-FAMILY (family literacy),
- NIFL-WORKPLACE (workplace literacy education),
- NIFL-HEALTH (health education),
- NIFL-HOMELESS (homeless education), and
- NIFL-LD (adult learning disabilities).

listproc@novel.nifl.gov

TESL-L

TESL-L provides educators with an electronic discussion forum that focuses on issues related to TESL/TEFL. TESL-L is an independent entity and is not affiliated with any professional group or organization. As the demand for this list has increased, two sub-lists, TESLCA-L (Technology, Computers, and TESL) and TESLIT-L (Adult Education and Literacy), have been created to address more specific topics. You must first subscribe to TESL-L before subscribing to either of the sub-lists.

LISTSERV@CUNYVM.CUNY.EDU